

Figures 1(A-D) illustrate an overview of the present invention, in accordance with various embodiments;

Figure 2 illustrates a functional view of the visualization feature of present invention for wireless mobile phones, in accordance with one embodiment;

5 **Figure 3** is a block diagram illustrating a functional view of one embodiment of a communication server incorporating the teachings of the present invention;

Figures 4A-4C illustrate various example data organizations suitable for use to store various visualization configuration related information for practicing the present invention, in accordance with one embodiment;

10 **Figure 5** illustrates an exemplary operational flow of one embodiment of the present invention;

Figure 6 illustrates an exemplary operational flow performed by visualization controller **212** and visualization agent **204** of wireless mobile phone **200** to display one or more luminescent patterns, in accordance with one embodiment;

15 **Figures 7A-7B** illustrate an external view of a wireless mobile phone **200a**, incorporated with the visualization teachings of the present invention, in accordance with one embodiment;

Figures 8A-8B illustrate an exposed view of wireless mobile phone **200b**, in accordance with an alternate embodiment;

20 **Figure 9** illustrates an internal component view of wireless mobile phone **200**, in accordance with one embodiment; and

Figure 10 illustrates an internal component view of an “active” version of interchangeable “cover” **821**, in accordance with one embodiment.

DETAILED DESCRIPTION

10 The present invention provides for cooperative and synchronized display of one or
15 more luminescent images by a community of wireless mobile devices such as wireless
mobile phones. In the description to follow, for purposes of explanation, various details
are set forth in order to facilitate a thorough understanding of the present invention.
However, the present invention may be practiced without some or many of the specific
details. In other instances, in order not to obscure the present invention, well-known
features are omitted, simplified or merely briefly described.

20 The description will be presented using terms that are commonly employed by
those skilled in the art of wireless mobile communications to convey the substance of
their work to others skilled in the same art. Examples of these terms include but are not
limited to transmitting, receiving, determining, requesting, and so forth. As those skilled
in the art of wireless mobile communications would appreciate, these quantities may take
the form of electrical, magnetic, or optical signals, and the operations involve
corresponding processing of these signals by electrical, magnetic, or optical components.

25 The terms "wireless communication device" and "wireless mobile client" are
interchangeably used herein to refer to a class of electronic communications devices that
enable a user to receive, and in some cases transmit, electronic communications signals
including both analog and digital communications signals. Such wireless communication
devices include, but are not limited to wireless mobile telephones and land-line
telephones, pagers, walkie-talkies, personal digital assistants, and so forth.

The term "wireless mobile phone" as used herein refers to the class of telephone devices equipped to enable a user to make and receive calls wirelessly, notwithstanding the user's movement, as long as the user is within the communication reach of a "service or base station". Unless specifically excluded, the term "wireless mobile phone" is to include the analog subclass as well as the digital subclass (of all signaling protocols).

Various operations will be described as multiple discrete steps in turn, in a manner that is most helpful in understanding the present invention. However, the order of description should not be construed as to imply that these operations are necessarily order dependent. In particular, these operations need not be performed in the order of presentation. Furthermore, the phrase "in one embodiment" will be repeatedly employed in the description to follow. In general, the phrase does not refer to the same embodiment, although in some instances it may.

Reference is now made to **Figure 1A**, where an overview of the present invention is illustrated. As shown, communication server **102** is communicatively coupled to wireless mobile clients **108** via wireless transmission network **104**. Wireless transmission network **104** is intended to represent a broad category of wireless and wireline transmission networks to provide wireless communication capabilities, and optionally telephony capabilities, to wireless mobile clients **108**. Wireless transmission network **104** may consist of one or more communication networks employing one or more signaling protocols, including, but not limited to, code division multiple access (CDMA), time division multiple access (TDMA), global system for mobile communications (GSM), cellular digital packet data (CDPD), and so forth. Each such